Florida TD Conference Evolving with the Changing Environment

Senior Transportation: Developing a Dementia Friendly Transportation System

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Transportation Continuum

- Driving Wellness
 - Safe roads
 - Safe vehicles
 - Safe drivers
- Education
- Driver Skill Assessment
- Transition
 - Public Transportation
 - Volunteer Driver Programs
 - Assisted/EscortedTrips





Changes As We Age

- Normal age related:
 - Vision
 - Information processing
 - Physical





- Medical conditions:
 - Acute
 - Chronic
 - Memory Loss

We Know...

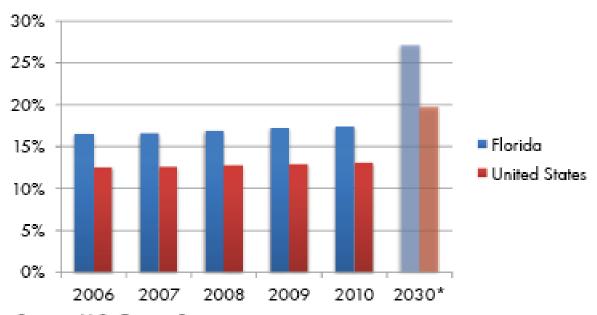
- Mobility is key to our lifestyle
- Safe driving is a functional ability
- Risk of injury from crash increases at age 70
 - Fatal injury risk increases at age 75
 - 17% of US fatalities were people 65+
- Most older drivers self limit effectively as changes occur
- More will outlive ability to drive safely
- Sources: NHTSA; IIHS

Florida's Demographics 2013

- 60+=
 - (4.656 M) 24.3%
 - 27.5% of licensed drivers
- 1.075 M live alone
- 65+ = 18.1%
- 85+ = 2.5 %
- 423,351 probable dementia (2013)
- Alzheimer's is 7th leading cause of death (2013)

Trends and Projections

Percentage of Population 65 and Older



Source: U.S. Census Bureau



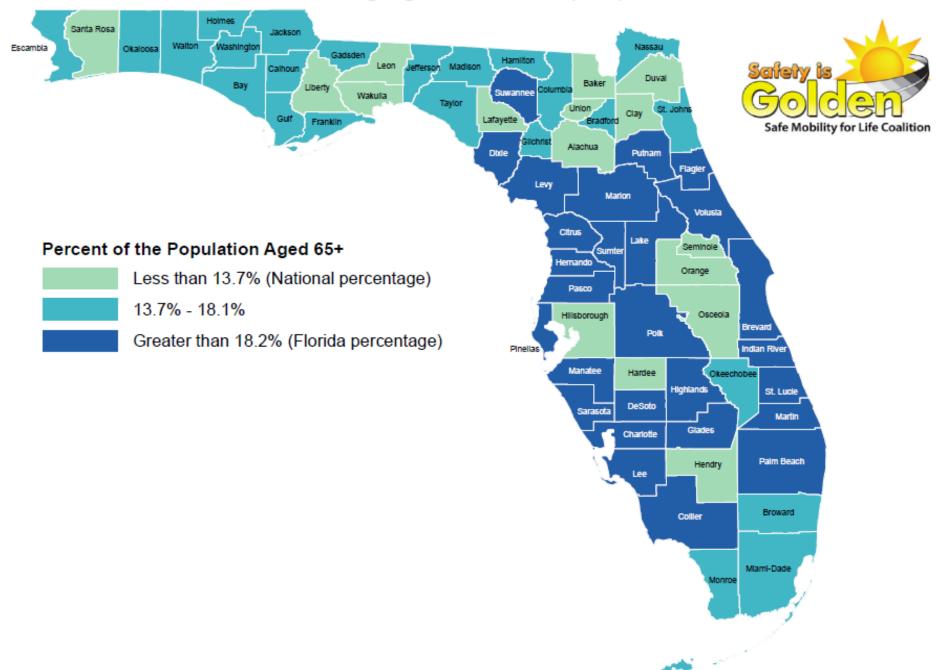
^{*} estimate

State Population Projections (65+)

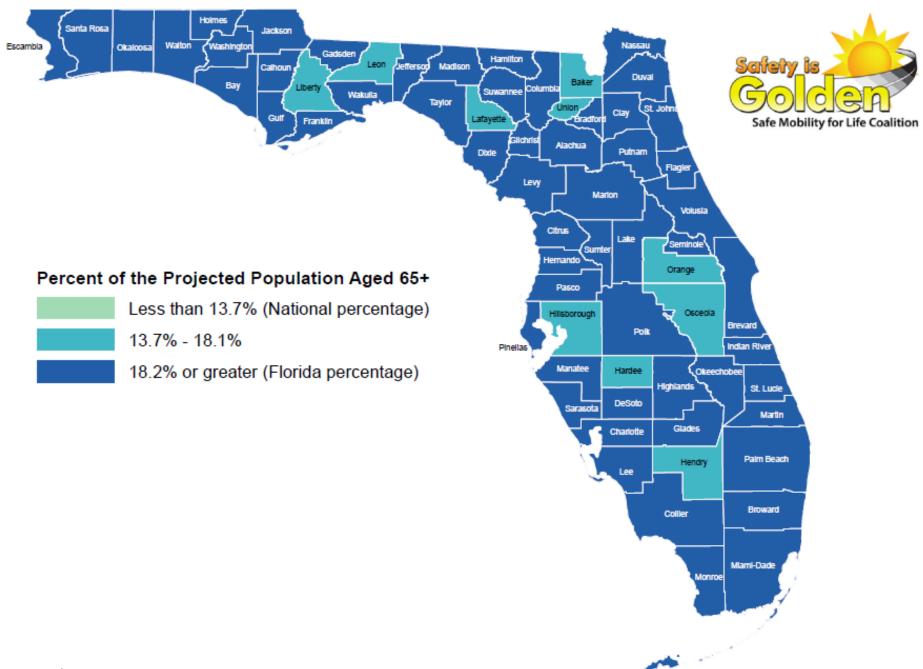
2000 State	2000 Percent	2000 Rank	2010 State	2010 Percent	2010 Rank	2030 State	2030 Percent	2030 Rank
U.S	12.4	N/A	U.S.	13.0	N/A	U.S.	19.7	N/A
Florida	17.6	1	Florida	17.8	1	Florida	27.1	1
Penn.	15.6	2	West Virginia	16.0	2	Maine	26.5	2
West Virginia	15.3	3	Maine	15.6	3	Wyoming	26.5	3
Iowa	14.9	4	Penn.	15.5	4	New Mexico	26.4	4
North Dakota	14.7	5	North Dakota	15.3	5	Montana	25.8	5

Source: U.S. Census Bureau

Florida's Aging Road Users (65+), 2012



Florida's Aging Road Users (65+), 2030



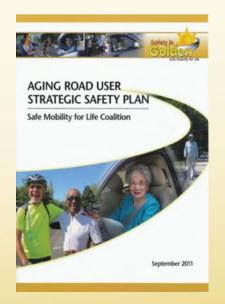


Florida is Preparing



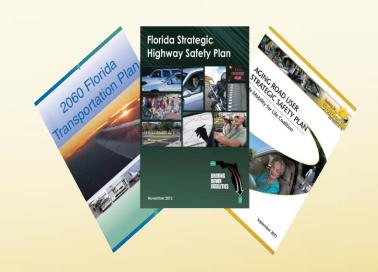
- Strategic Highway Safety Plan
 - Vulnerable road users
- Safe Mobility for Life Coalition
 - 10 strategic emphasis areas

www.safeandmobileseniors.org www.flsams.org



Florida's Aging Road User Strategic Safety Plan

- Goal: Reduce fatalities, injuries and crashes by improving the safety, access, and mobility of aging road users
- Comprehensive plan that addresses both safety and mobility issues
- Aligns with the 2060 Florida
 Transportation Plan
- Ties into Florida's Strategic
 Highway Safety Plan



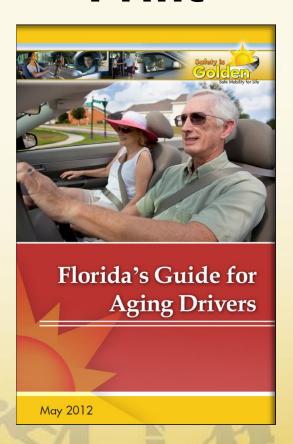
Florida's Approach

- Balance safety and mobility needs of aging Floridians
- Develop programs and resources for all stakeholders
- Promote a positive, consistent approach to a broad issue
- Change how agencies and organizations work together to address challenges and develop resources



We Provide Direct Access to Resources for All Stakeholders

Print



On-line



Improving Safety, Access, and Mobility for Florida's Aging Road Users

Florida leads the nation with 18.2 percent of our population 65 years and older (UF Bureau of Economic and Business Research, 2012). Our sunny warm climate makes Florida an ideal retirement destination. It is projected that the number of residents 65 years and older will continue to grow. By the year 2030, over 27 percent of our population will be over the age of 65, compared to 19 percent for the rest of the nation. (U.S. Census Bureau).

Florida is also working hard to lead the nation in preparing to meet the transportation safety and mobility challenges that arise from the inevitable increases to our aging population. This website was developed and is maintained by the Florida Department of Transportation (FDOT) to support the work and efforts of our Safe Mobility for Life Coalition.

Whether you are an older adult, family member (living in or out of Florida), friend, health care professional, law enforcement, local government, engineer/planner, safety advocate, or aging service provider, this site is designed to be your virtual "one stop shop". It provides you easy access to transportation safety and mobility information and resources designed to benefit Florida's aging road users.

What is an Aging Road User? Our Coalition defines an aging road user to include: drivers, passengers, pedestrians, bicyclists, transit-riders,

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Interested in learning how to remain safe and mobile throughout your life? Get your free copy of Florida's Guide for Aging Drivers today! (more info)



News News

On February 25-26 the Safe wobility for Life Coalition met in Tallahassee for their quarterly meeting. Look for more information and updates to come in the next couple of weeks, from this productive meeting! Including the release of our 2014 Florida Aging Road User (654) Priority Coastile.

The U.S. Senate Special Committee on Aging held a hearing "Transportation: A Challenge to Independence for Seniors" and Senator Nelson mentioned some Florida programs in his opening statement. [more wifo...]

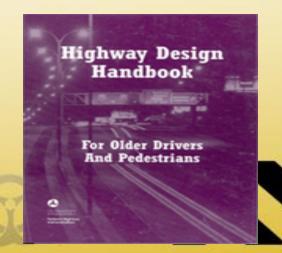


Safe Roadways

- Practical guidance for engineers
 - Intersection design
 - Interchanges
- Lighting
- Lane Markings
- Signalization
- Signage















- Education activity
 - Comfort & safety in your vehicle
 - Recommendations...
- NOT driver skill evaluation



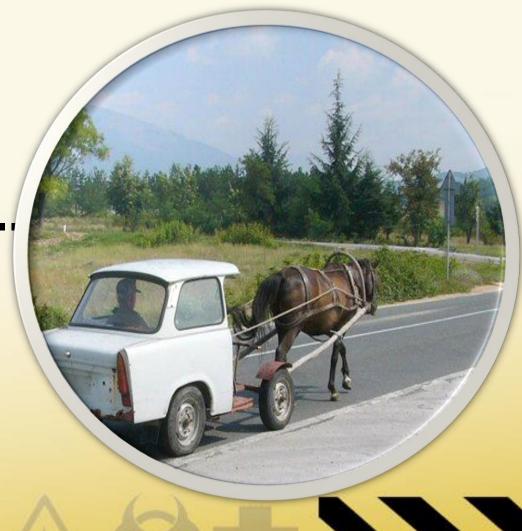
Transitioning from Driving

Most older adults modify driving behavior voluntarily, but....

Some not soon enough

Some too soon

Some in the wrong way...







Silver Alert in Florida

- Implemented 10/08
 - Criteria based
 - Standardized training
- Cases to Date:
 - 832 activations
- 76% men
- Recovery:

Same county: 44%

Different county: 48%

Out of state: 8%

Key role for law enforcement & community partners

Range	%
50-59	1%
60-69	7%
70-79	34%
80-89	52%
90-99	7%

Dementia

- NOT a normal part of aging
- After age 65, risk doubles every five years (NIA)
- At 85+, risk is almost 50% (AIZ ASSN)
- Alzheimer's is most frequent type:
 60% of all dementias in persons
 65+

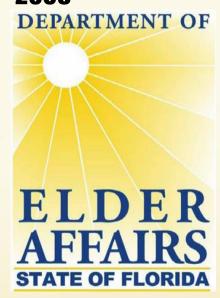
Dementia

- Progressive dementia is:
 - Gradual
 - Variable
 - Unpredictable
- Demonstrates loss of insight
 - Changes are occurring
 - Underestimates complexity
 - Overestimates abilities



Florida Dementia Friendly Transportation Research Project 2008

- Statewide survey of transit providers & aging network
- Best practices
- Development of tip sheets
 - Paid & volunteer driver programs
 - Family members
- Establishment of definition of "Dementia Friendly Transportation"





Dementia Friendly Transportation

"Going beyond senior friendliness, a transportation service that considers the special needs of passengers with all stages of memory loss"





2010 Project Overview

- Research forums:
 - 4 communities
 - Urban/ suburban/rural
 - Hispanic family group
 - Professionals
 - Family/friends
 - Vetting of new resource tools
- Literature review
- Best practices





5 As for Senior Transportation

- Availability
- Accessibility
- Acceptability
- Affordability
- Adaptability



Source: Beverly Foundation Legacy Series



Tip Sheets: Useful Tools

- What Is Dementia Anyway?
- **Definition of Dementia Friendliness**
- Tips for Helping with Travel **Situations**
- Tips for Drivers of Passengers with **Memory Loss**
- Challenges & Scenarios

Summary of 2010 Project Findings

- Families & professionals struggle with the issue
- Tip sheets supported as useful tools
- Divergent viewpoints among professionals & family members
- Particular concern for seniors living alone

Recommendations

- Increase visibility of dementia friendly transportation with providers & customers
- Develop service standards
- Provide access to tools & resources
- Develop training programs for providers
- Pay particular attention to clients living alone



Presenter Information

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